

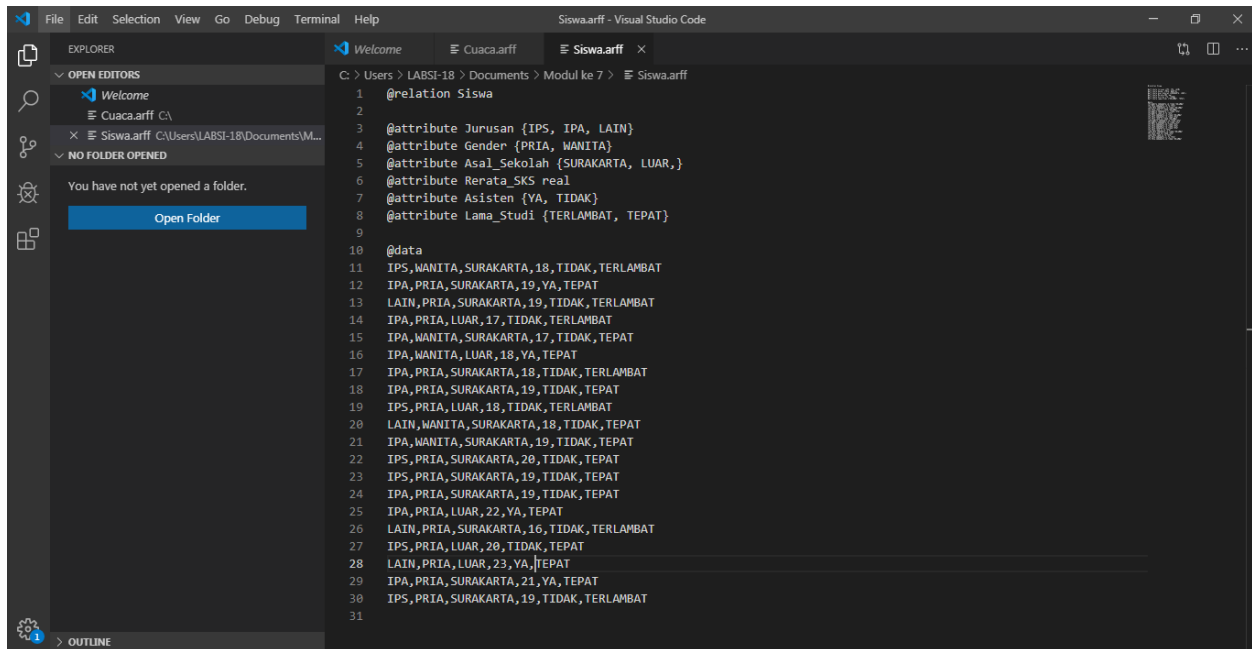
Nama : Rizky Tri Setya W

NIM : L200170054

Kelas : C

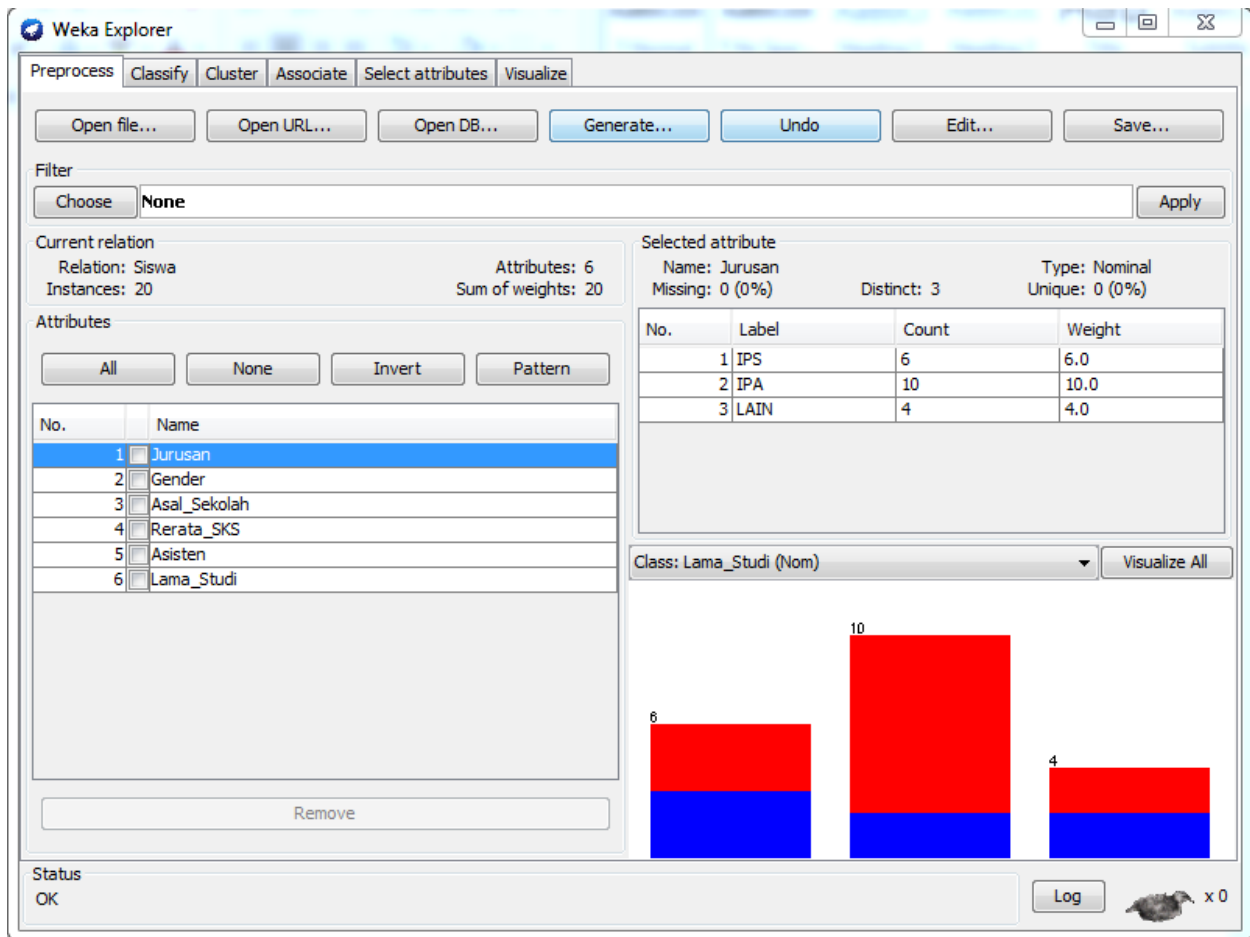
Tugas 7.5

2. Perhatikan file ARFF dan juga gambar grafik untuk setiap data yang ditampilkan dalam Weka berdasarkan file ARFF anda kepada dosen dan asisten untuk dinilai!



The screenshot shows the Visual Studio Code interface with the file 'Siswa.arff' open. The Explorer sidebar on the left shows the file structure. The main editor area displays the ARFF file content, which includes a header section with attributes and a data section with 30 data points.

```
1 @relation Siswa
2
3 @attribute Jurusan {IPS, IPA, LAIN}
4 @attribute Gender {PRIA, WANITA}
5 @attribute Asal_Sekolah {SURAKARTA, LUAR,}
6 @attribute Rerata_SKS real
7 @attribute Asisten {YA, TIDAK}
8 @attribute Lama_Studi {TERLAMBAT, TEPAT}
9
10 @data
11 IPS,WANITA,SURAKARTA,18,TIDAK,TERLAMBAT
12 IPA,PRIA,SURAKARTA,19,YA,TEPAT
13 LAIN,PRIA,SURAKARTA,19,TIDAK,TERLAMBAT
14 IPA,PRIA,LUAR,17,TIDAK,TERLAMBAT
15 IPA,WANITA,SURAKARTA,17,TIDAK,TEPAT
16 IPA,WANITA,LUAR,18,YA,TEPAT
17 IPA,PRIA,SURAKARTA,18,TIDAK,TERLAMBAT
18 IPA,PRIA,SURAKARTA,19,TIDAK,TEPAT
19 IPS,PRIA,LUAR,18,TIDAK,TERLAMBAT
20 LAIN,WANITA,SURAKARTA,18,TIDAK,TEPAT
21 IPA,WANITA,SURAKARTA,19,TIDAK,TEPAT
22 IPS,PRIA,SURAKARTA,20,TIDAK,TEPAT
23 IPS,PRIA,SURAKARTA,19,TIDAK,TEPAT
24 IPA,PRIA,SURAKARTA,19,TIDAK,TEPAT
25 IPA,PRIA,LUAR,22,YA,TEPAT
26 LAIN,PRIA,SURAKARTA,16,TIDAK,TERLAMBAT
27 IPS,PRIA,LUAR,20,TIDAK,TEPAT
28 LAIN,PRIA,LUAR,23,YA,TEPAT
29 IPA,PRIA,SURAKARTA,21,YA,TEPAT
30 IPS,PRIA,SURAKARTA,19,TIDAK,TERLAMBAT
31
```



Weka Explorer

Preprocess

Classify

Cluster

Associate

Select attributes

Visualize

Open file...

Open URL...

Open DB...

Generate...

Undo

Edit...

Save...

Filter

Choose

None

Apply

Current relation

Relation: Siswa

Instances: 20

Attributes: 6

Sum of weights: 20

Attributes

All

None

Invert

Pattern

No.	Name
1	<input type="checkbox"/> Jurusan
2	<input checked="" type="checkbox"/> Gender
3	<input type="checkbox"/> Asal_Sekolah
4	<input type="checkbox"/> Rerata_SKS
5	<input type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_Studi

Remove

Selected attribute

Name: Gender

Missing: 0 (0%)

Distinct: 2

Type: Nominal

Unique: 0 (0%)

No.	Label	Count	Weight
1	PRIA	15	15.0
2	WANITA	5	5.0

Class: Lama_Studi (Nom)

Visualize All


15

5

Status

OK

Log

 x 0

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Open file...Open URL...Open DB...Generate...UndoEdit...Save...

Filter

ChooseNone

Apply

Current relation

Relation: SiswaInstances: 20

Attributes: 6Sum of weights: 20

Attributes

AllNoneInvertPattern

No.	Name
1	Jurusan
2	Gender
3	Asal_Sekolah
4	Rerata_SKS
5	Asisten
6	Lama_Studi

Remove

Selected attribute

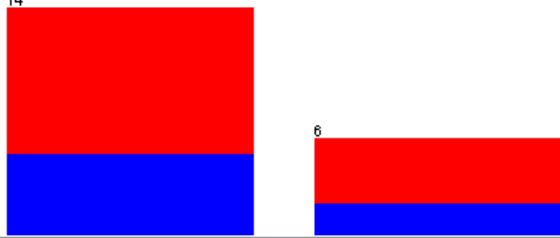
Name: Asal_SekolahMissing: 0 (0%)Distinct: 2Type: NominalUnique: 0 (0%)


No.	Label	Count	Weight
1	SURAKARTA	14	14.0
2	LUAR	6	6.0

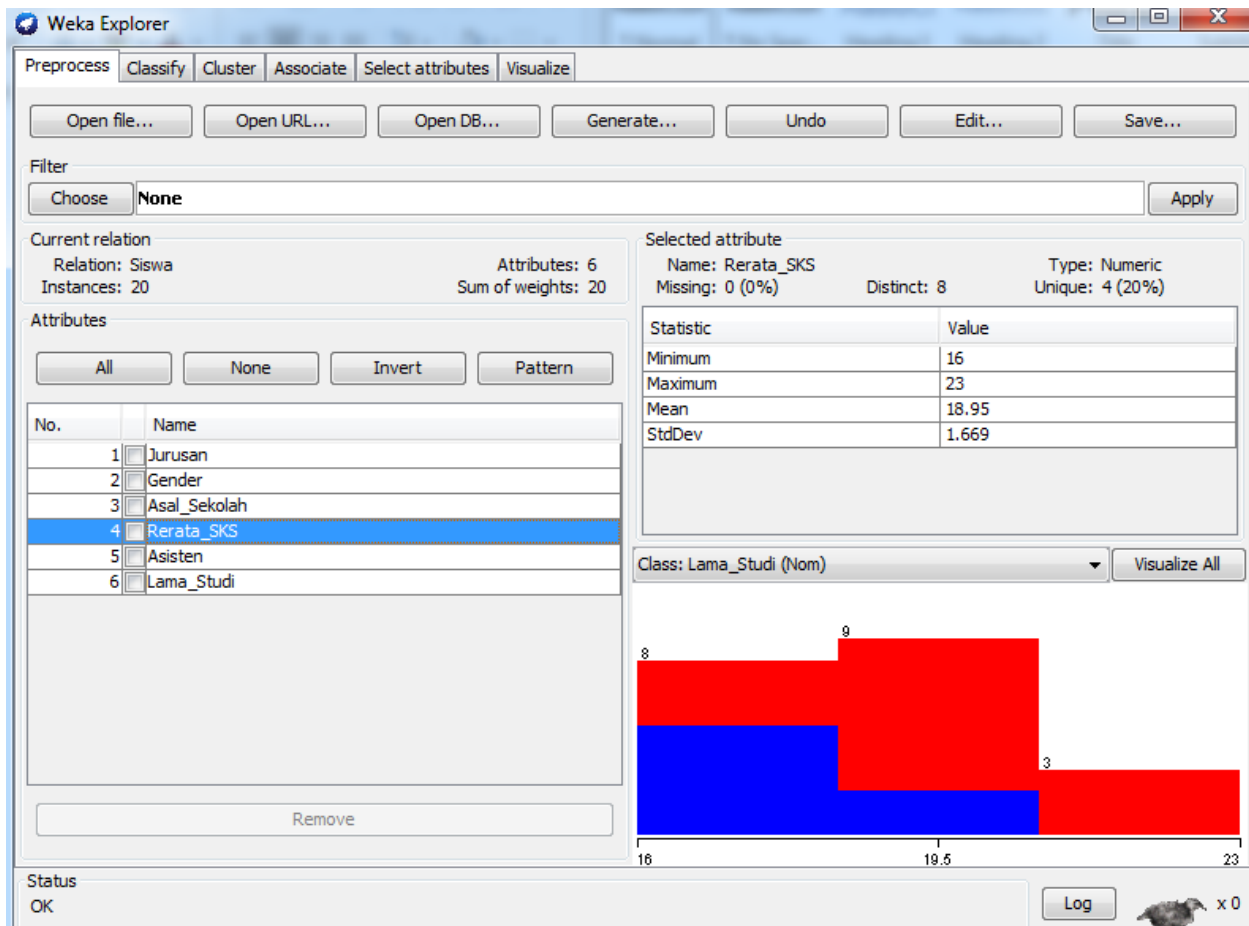
Class: Lama_Studi (Nom)Visualize All

14

6



StatusOKLog x 0



Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Open file...Open URL...Open DB...Generate...UndoEdit...Save...

FilterChooseNoneApply

Current relation
Relation: Siswa
Instances: 20

Attributes: 6
Sum of weights: 20

Attributes

AllNoneInvertPattern

No.	Name
1	<input type="checkbox"/> Jurusan
2	<input type="checkbox"/> Gender
3	<input type="checkbox"/> Asal_Sekolah
4	<input type="checkbox"/> Rerata_SKS
5	<input checked="" type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_Studi

Remove

Selected attribute
Name: Asisten
Missing: 0 (0%)

Distinct: 2

Type: Nominal
Unique: 0 (0%)

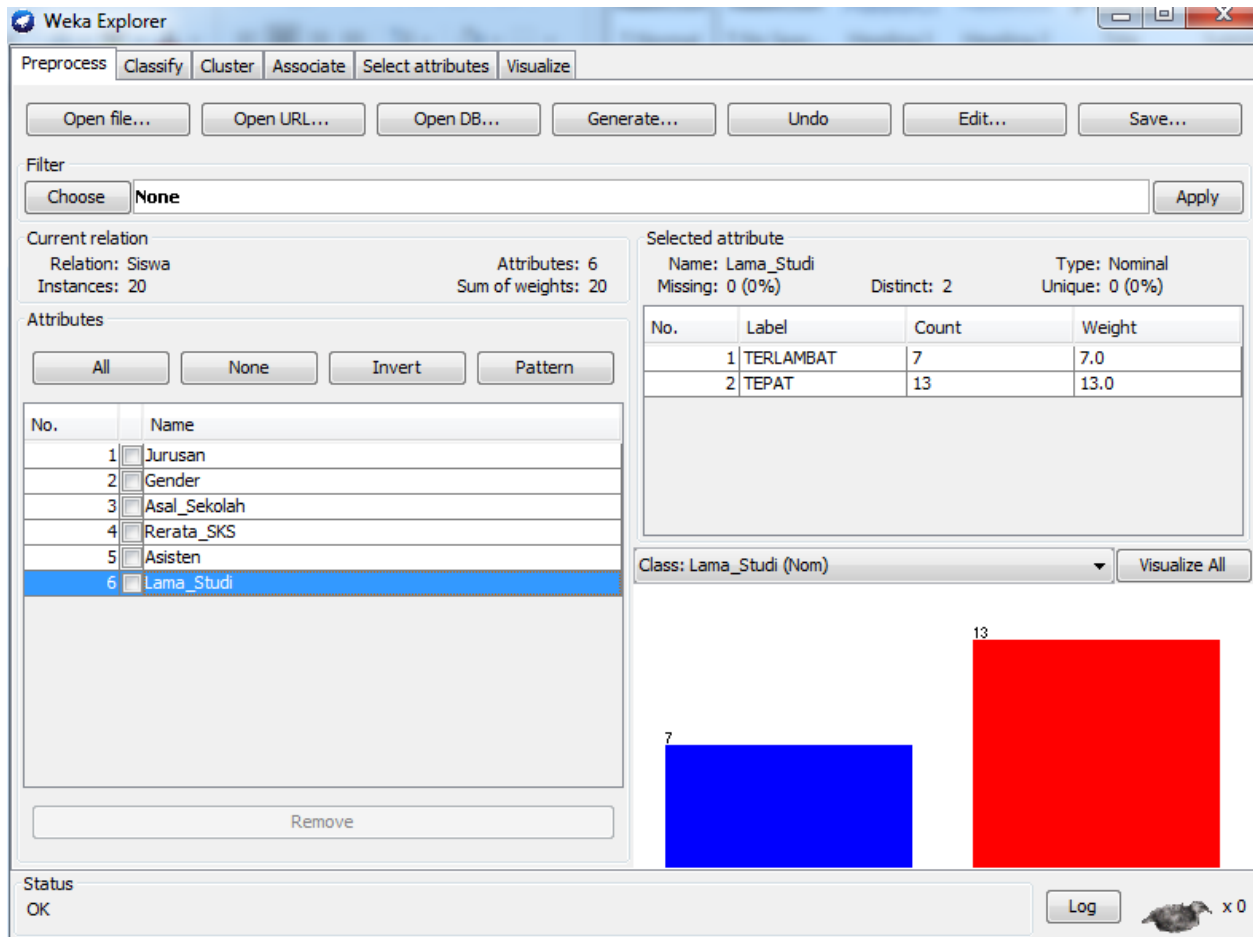
No.	Label	Count	Weight
1	YA	5	5.0
2	TIDAK	15	15.0

Class: Lama_Studi (Nom)Visualize All

Label	Count
YA	5
TIDAK	15

Status
OK

Log x 0



4. Berapa jumlah atribut yang bertipe binominal dan polynomial?

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Open file...Open URL...Open DB...Generate...UndoEdit...Save...

Filter

ChooseNone

Apply

Current relation

Relation: SiswaInstances: 20

Attributes: 6Sum of weights: 20

Attributes

AllNoneInvertPattern

No.	Name
1	<input type="checkbox"/> Jurusan
2	<input checked="" type="checkbox"/> Gender
3	<input type="checkbox"/> Asal_Sekolah
4	<input type="checkbox"/> Rerata_SKS
5	<input type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_Studi

Remove

Selected attribute

Name: GenderMissing: 0 (0%)Distinct: 2Type: NominalUnique: 0 (0%)

No.	Label	Count	Weight
1	PRIA	15	15.0
2	WANITA	5	5.0

Class: Lama_Studi (Nom)

Visualize All

15

5

StatusOK

Log x 0

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Open file...Open URL...Open DB...Generate...UndoEdit...Save...

Filter

ChooseNone

Apply

Current relation

Relation: SiswaInstances: 20

Attributes: 6Sum of weights: 20

Attributes

AllNoneInvertPattern

No.	Name
1	Jurusan
2	Gender
3	Asal_Sekolah
4	Rerata_SKS
5	Asisten
6	Lama_Studi

Remove

Selected attribute

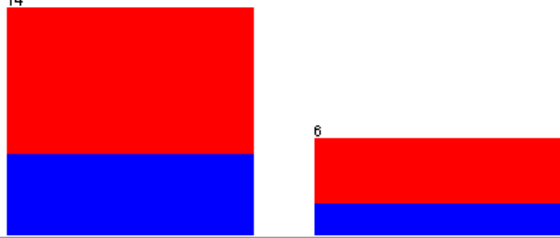
Name: Asal_SekolahMissing: 0 (0%)Distinct: 2Type: NominalUnique: 0 (0%)


No.	Label	Count	Weight
1	SURAKARTA	14	14.0
2	LUAR	6	6.0

Class: Lama_Studi (Nom)Visualize All

14

6



StatusOKLog x 0

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Open file...Open URL...Open DB...Generate...UndoEdit...Save...

Filter

ChooseNone

Apply

Current relation

Relation: SiswaInstances: 20

Attributes: 6Sum of weights: 20

Attributes

AllNoneInvertPattern

No.	Name
1	<input type="checkbox"/> Jurusan
2	<input type="checkbox"/> Gender
3	<input type="checkbox"/> Asal_Sekolah
4	<input type="checkbox"/> Rerata_SKS
5	<input checked="" type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_Studi

Remove

Selected attribute

Name: AsistenMissing: 0 (0%)Distinct: 2Type: NominalUnique: 0 (0%)

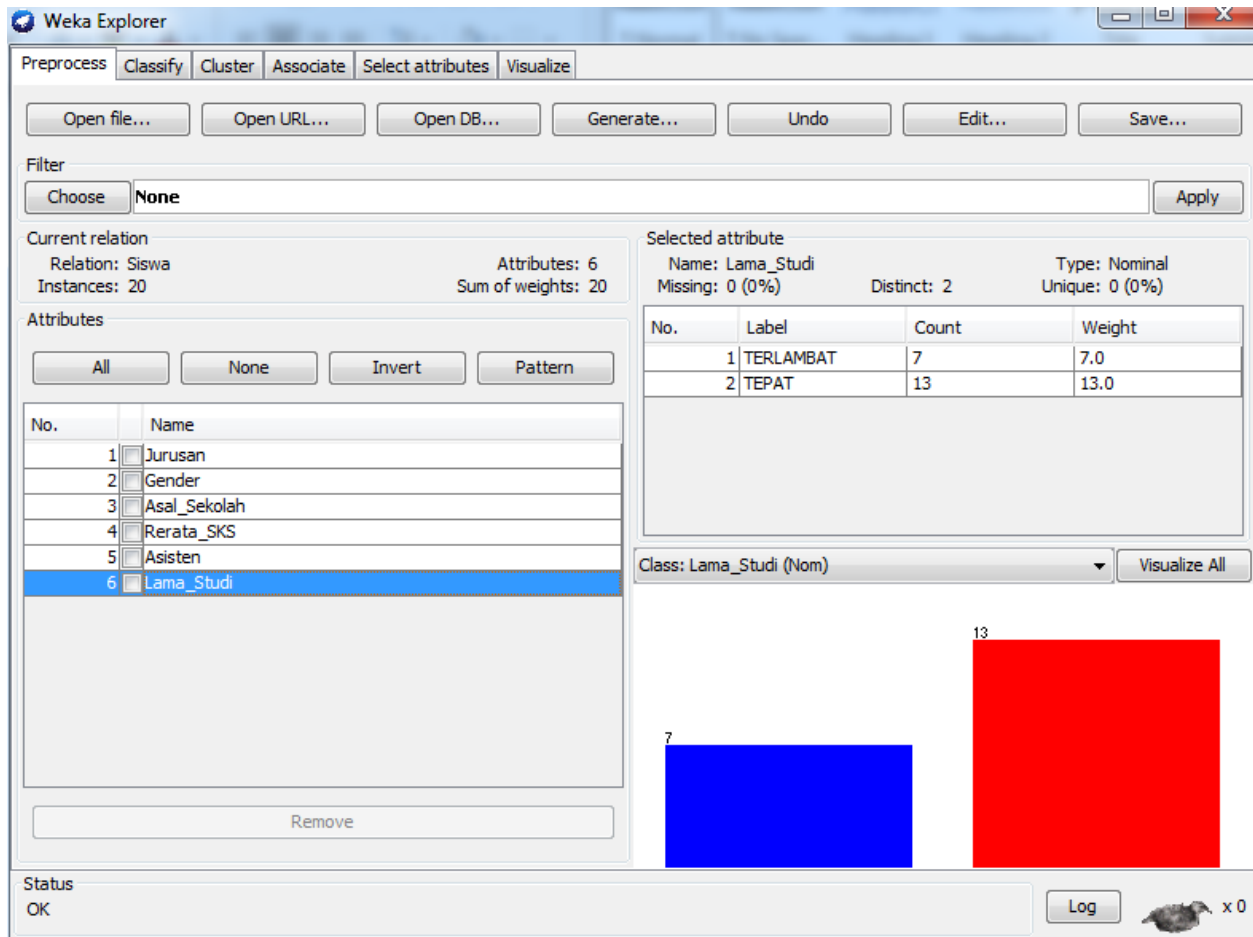
No.	Label	Count	Weight
1	YA	5	5.0
2	TIDAK	15	15.0

Class: Lama_Studi (Nom)Visualize All

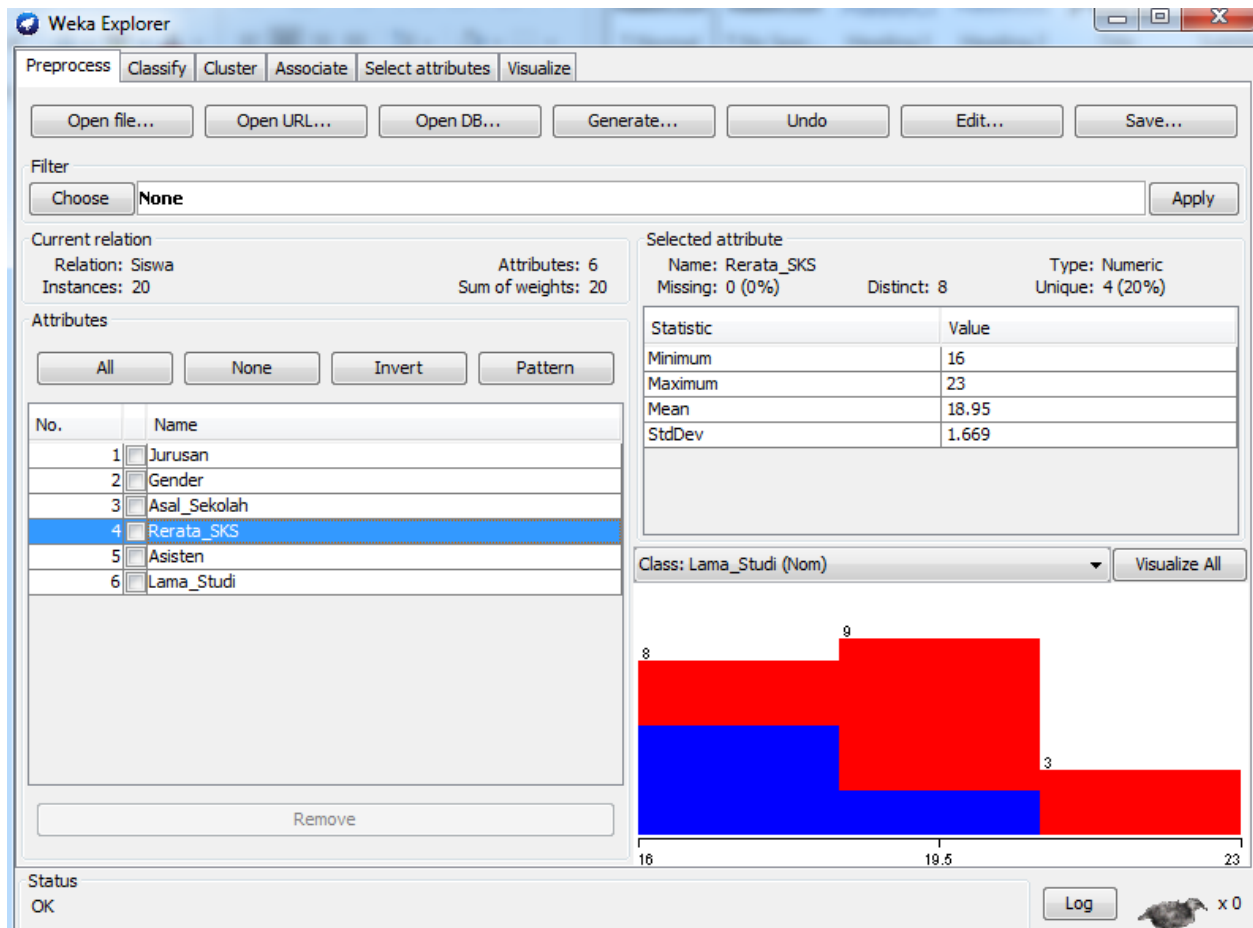
Label	Count
YA	5
TIDAK	15

StatusOK

Log x 0



5. Berapa jumlah atribut yang bertipe real ?



6. Pada atribut Rerata_SKS, berapakah besarnya nilai Maximum, Minimum, Mean, dan StDev (Standard Deviation)

